

(57) Abstract: The invention provides a GMP compatible method to chemically synthesize proteins which may be advantageously used in compositions for vaccination that are free of biological contaminants. The method uses conventional synthesis of peptides and linking these to yield synthetic proteins that preferably comprise all T cell epitopes for an antigen. Preferably an adjuvant is covalently attached to a synthetic protein to yield a fully synthetic vaccine. The invention is illustrated mainly by using HPV proteins directed immunity as a model.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.